ARMED

ADVANCED RISK MODELLING FOR EARLY DETECTION

Early Intervention and Prevention within Discharge to Assess

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Lying down on the job!

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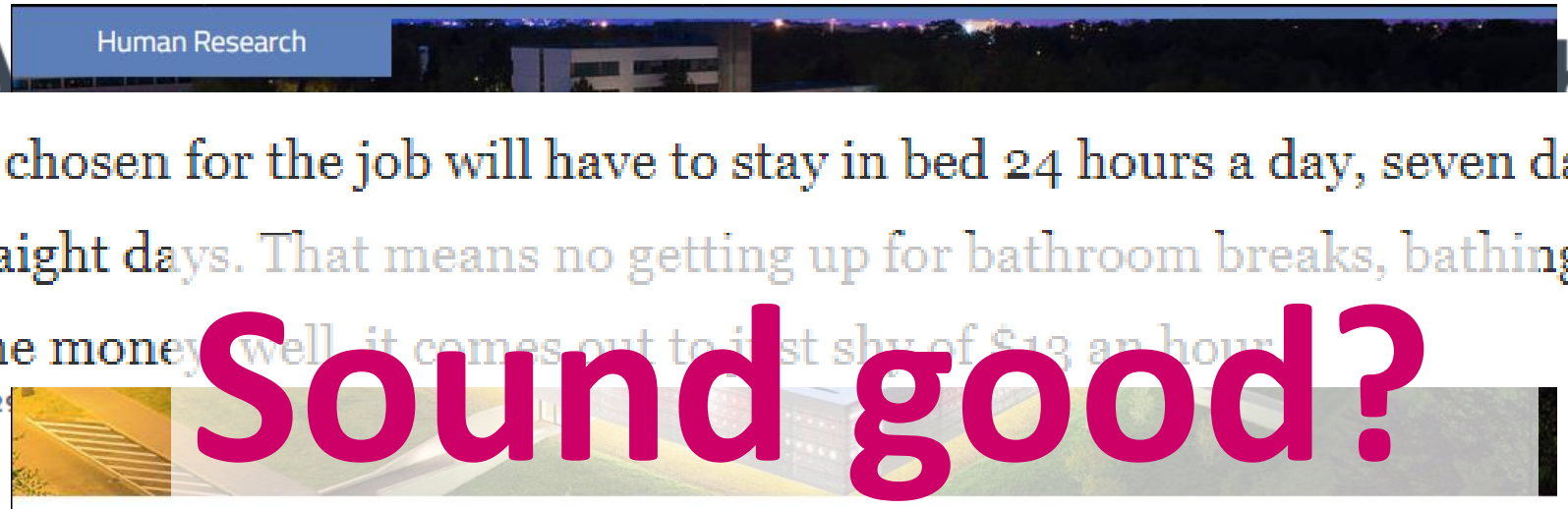
Published Fri, Mar 2



Those chosen for the job will have to stay in bed 24 hours a day, seven days a week for 60 straight days. That means no getting up for bathroom breaks, bathing or meals. And the money? Well, it comes out to just shy of $18 an hour.

Sound good?

Oct. 10

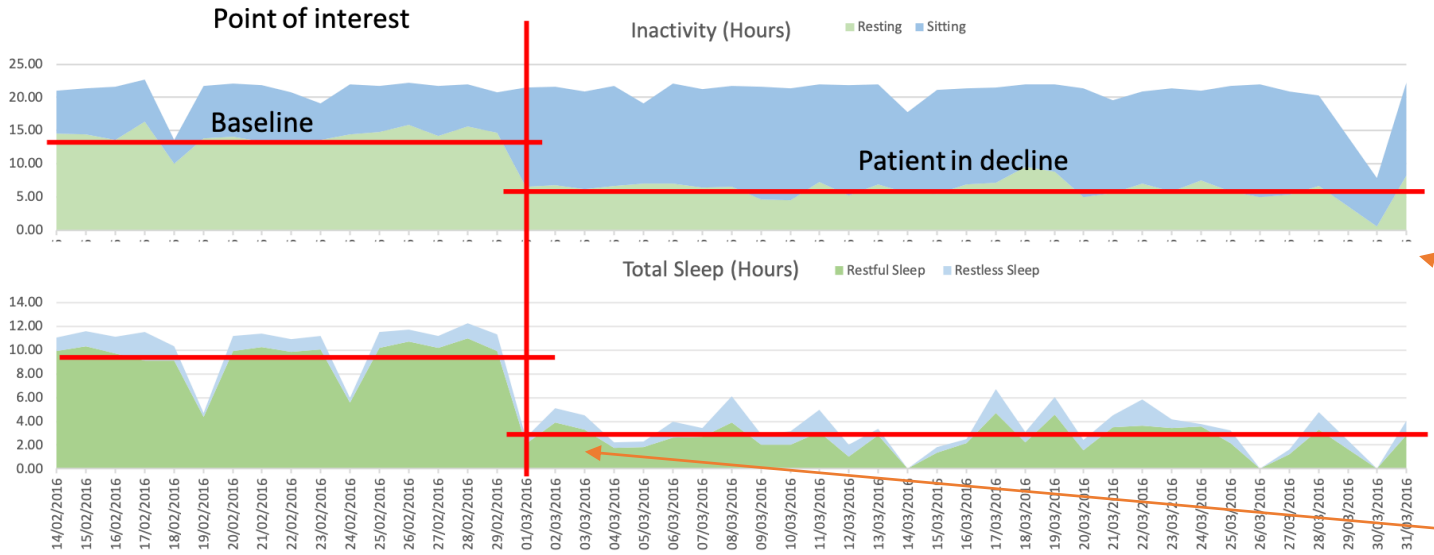
Do You Love Lying In Bed? Get Paid By NASA To Do It For Space Research

April 14, 2019 · 8:31 PM ET

Twelve

fluid pressure on astronauts' eyes and optic nerves.

Patient 10 – Activity Profile



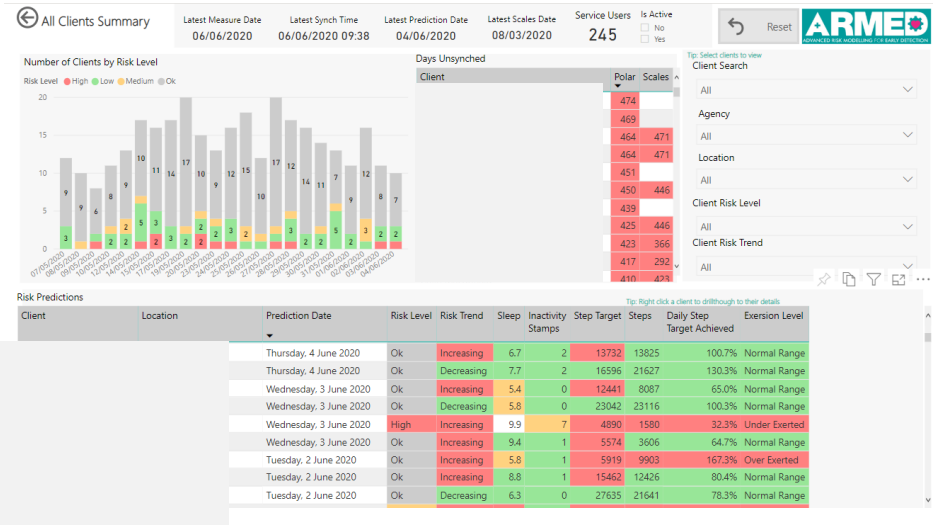
Person 10 # left side hip and passed away. Data indicated that they sat for up to 16 hours and slept restfully for 3 hours per night

When Person 10 Fell!

Re-ran data through ARMED model in Jan 2020. ARMED flags would have been raised 32 days in advance of when person fell

- Proven ability to identify escalating risk traits supporting prevention & early intervention
- Assisting to support a quicker throughput to reablement by monitoring individuals monitor from afar
- ARMED has been built against academic rigour of physiological change. Lots of deployments taking into account various settings including community, sheltered/extra care taking account of both older people and younger adults with a learning disability

“ARMED in a Box” – Easy As 1-2-3



STEP 1

- ARMED in a Box came fully prepared, devices paired and ready to go onto the residents wrist
- This immediately started passively collecting data
- Staff fully trained in terms of deployment and data analysis / understanding

STEP 2

- The ARMED team supported system setup and configuration
- The system was configured by the time the hardware was configured / delivered
- Additional peripherals such as Bio-Impedance scales and strength grip measurements were also used
- Risk “Flags” started raising to appropriate staff

STEP 3

- The ARMED reporting dashboards provided a wealth of data supporting staff access:
  - Identify the day to day escalating risks of individuals
  - Identify the risk trends of a person over a rolling two week basis
  - Identify if a person is over or under exerting themselves (important during isolation periods)

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Supporting Transformational Change

Wakefield Housing **reduce falls** and **improve wellbeing**

Falls Information wdh

Cardiff Council use **data** to **prevent falls** during lockdown

* 90 yr old Customer

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